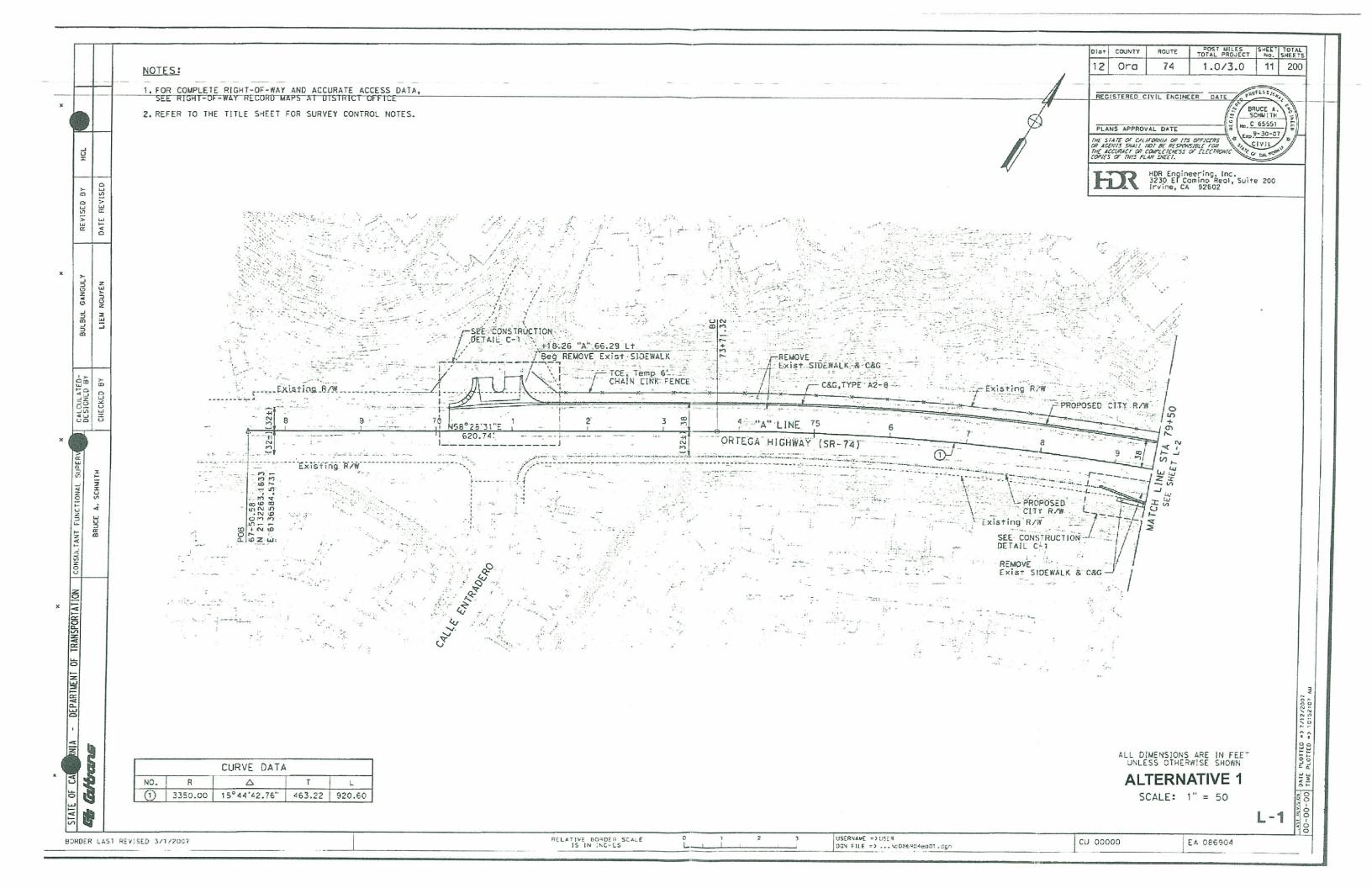
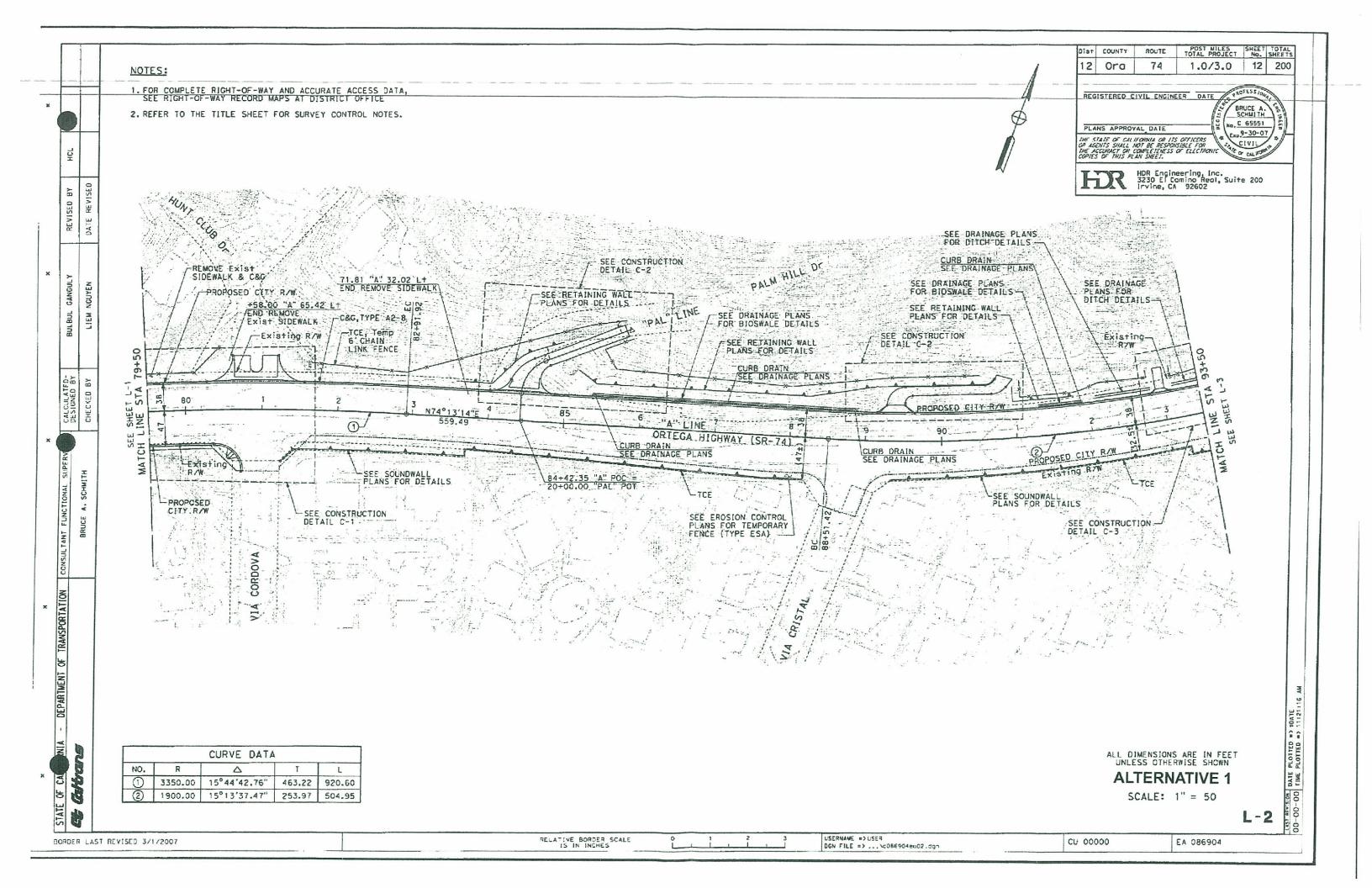
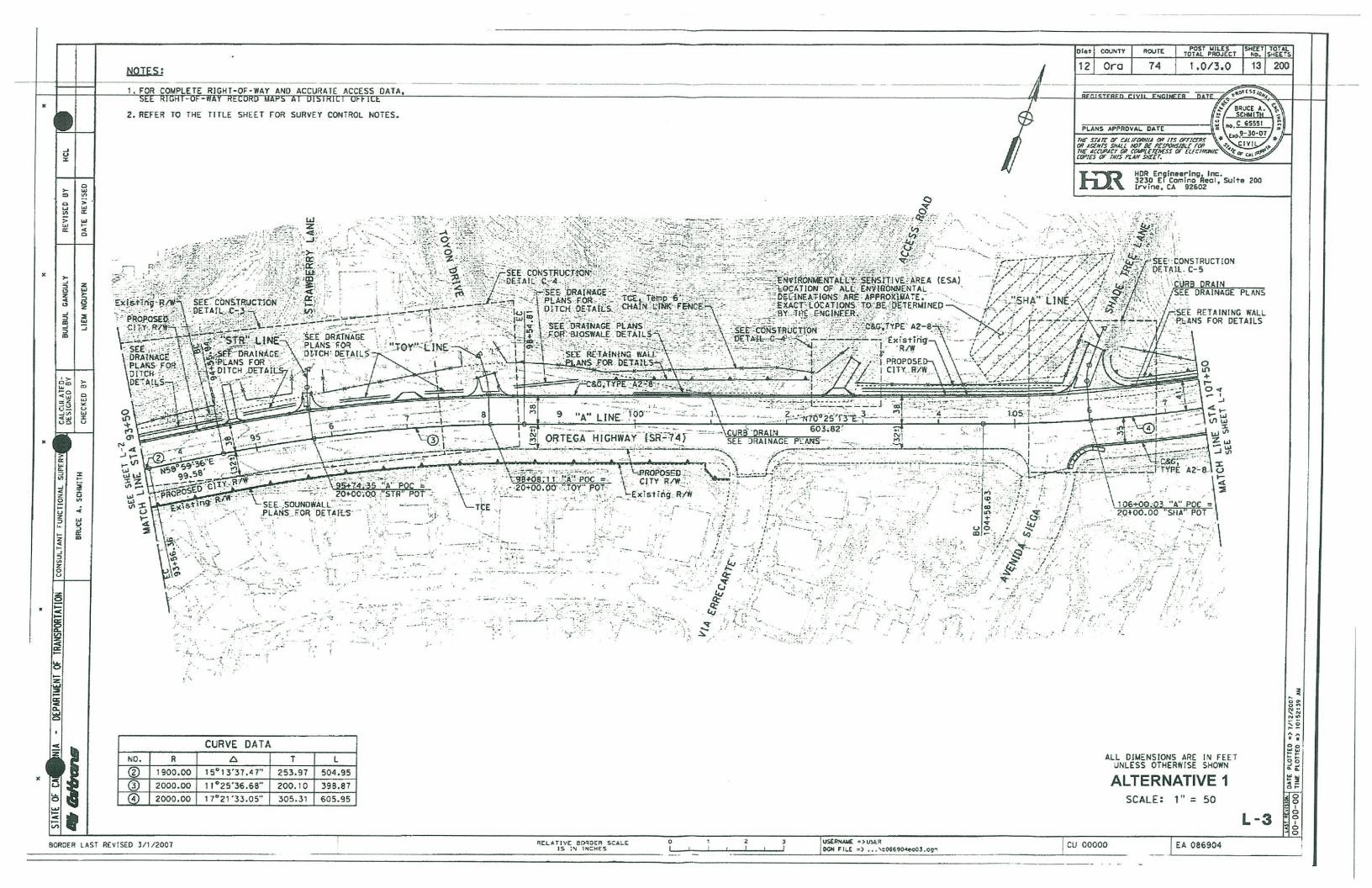
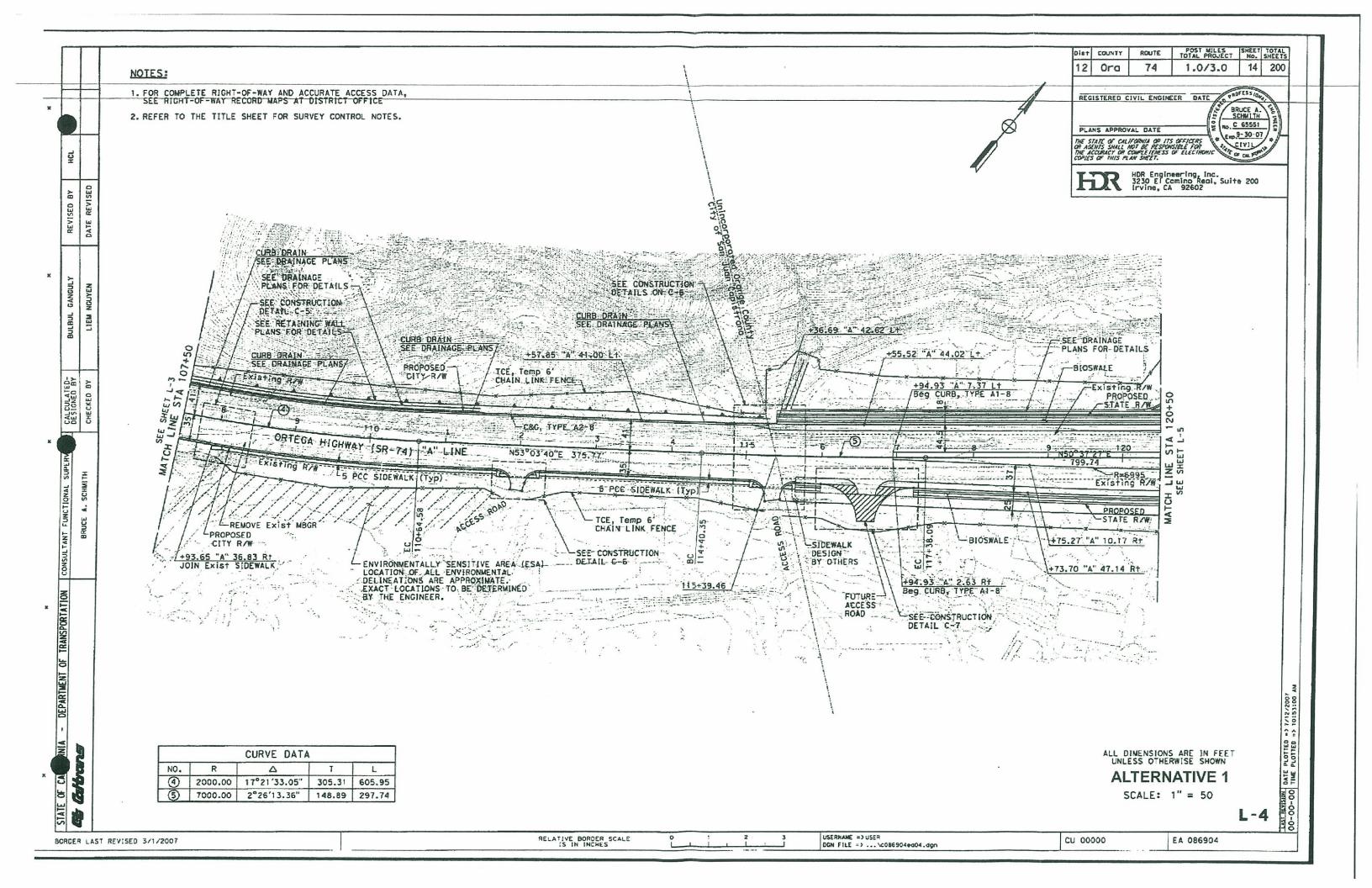
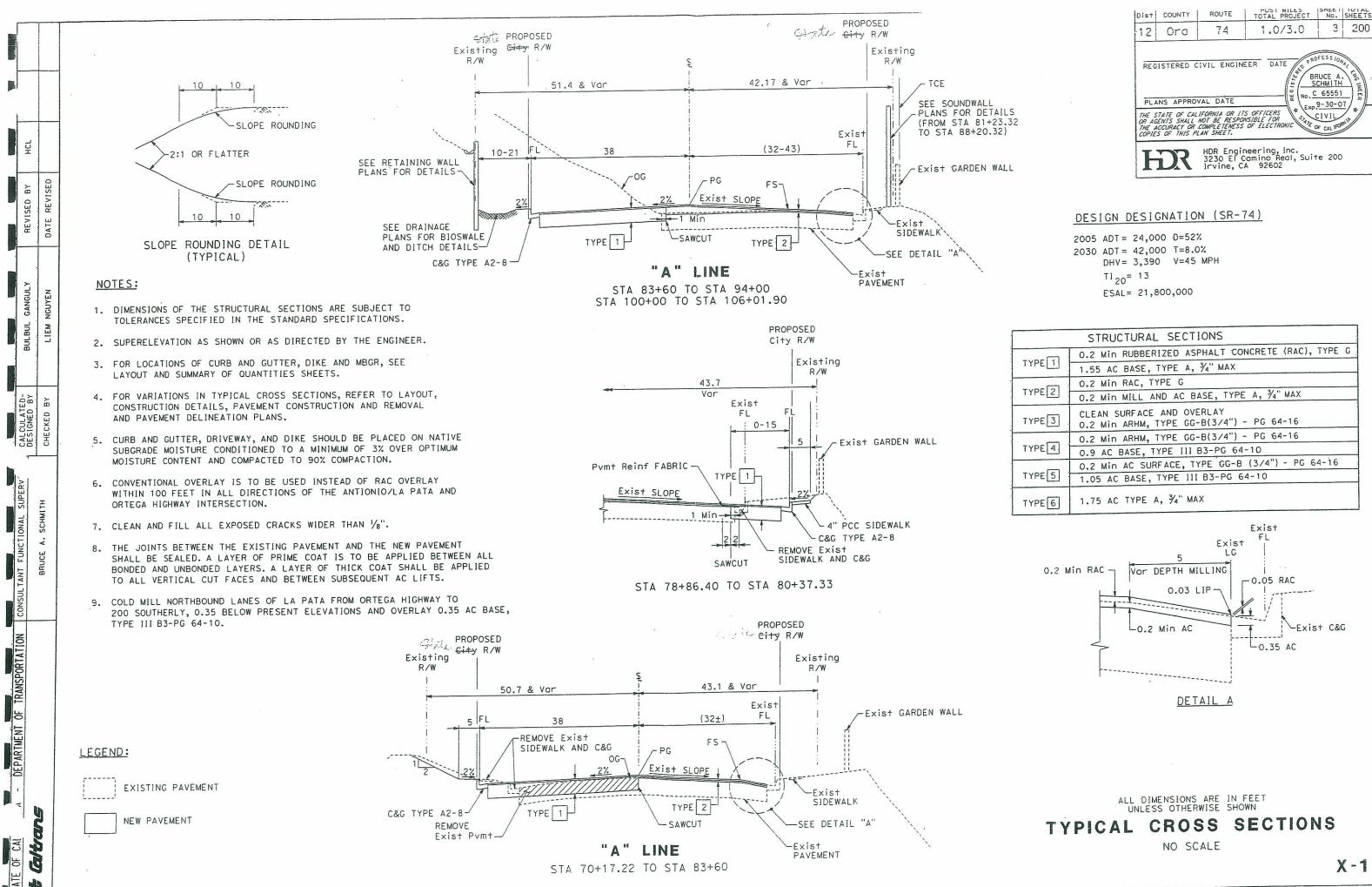
Appendix G	Preliminary Design Layouts







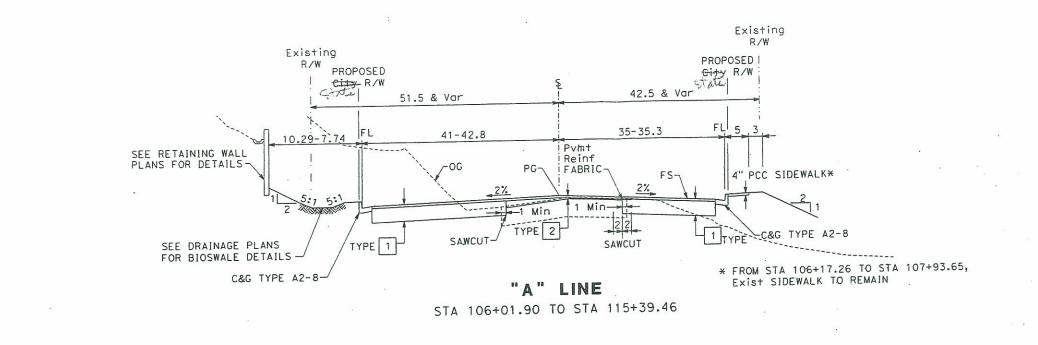


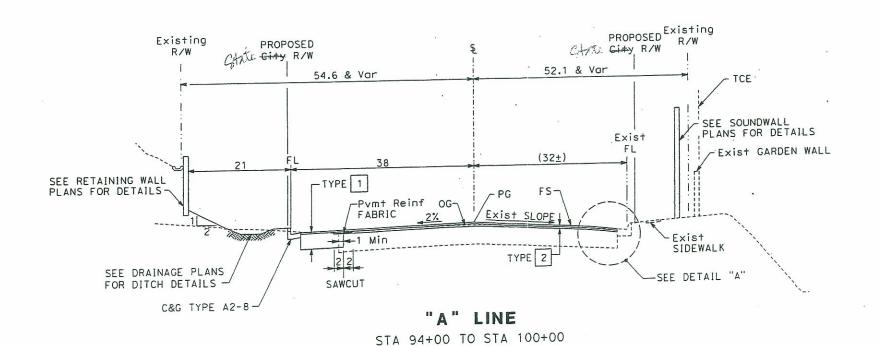


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LEGEND:

EXISTING PAVEMENT

NEW PAVEMENT

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

TYPICAL CROSS SECTIONS

NO SCALE

X - 2

TOTAL PROJECT No. SHEETS

BRUCE A. SCHMITH No. C 65551

Exp.9-30-07

1.0/3.0

HDR Engineering, Inc. 3230 El Camino Real, Suite 200 Irvine, CA 92602

ROUTE

REGISTERED CIVIL ENGINEER DATE

THE STATE OF CALIFORNIA OR 1TS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF ELECTRONIC
COPIES OF THIS PLAN SHEET.

PLANS APPROVAL DATE

Dist COUNTY

12 Ora

USERNAME => USER

CU 00000

00 EA 086904

COUNTY ROUTE 12 Ora 74 NOTES: 1. FOR COMPLETE RIGHT-OF-WAY AND ACCURATE ACCESS DATA, SEE RIGHT-OF-WAY RECORD MAPS AT DISTRICT OFFICE 2. REFER TO THE TITLE SHEET FOR SURVEY CONTROL NOTES. PLANS APPROVAL DATE THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHOULHOT BE RESPONSIBLE FOR THE ACCURACY OR COUPLETENESS OF ELECTRONI COPIES OF THIS PLAN SHEET. REVISED +17.93 "A" 73.67 L+ Beg Proposed SIDEWALK +71.00 "A" 46.00 L+ LIEM Beg RETAINING WALL +00.00 "A" 46.00 L† Beg RETAINING WALL PROPOSED CITY R/W +25.00 "A" 46.00 L+ +34.92 "A" 38.00 Lt End RETAINING WALL +40.00 "A" Beg REMOVE Exist SIDEWALK 46.00 Lt Exist SIDEWALK & C&G End RETAINING WALL CHAIN LINK FENCE C&G, TYPE A2-8 -5' SIDEWALK 7012 12 ---620.74 ORTEGA HIGHWAY (SR-74)-SAADATNEJADI Exist -PROPOSED STATE R/W STATE R/W LAN PROPOSED CITY R/W Exist SIDEWALK & C&G -TRANSPORTATION CURVE DATA

15°44'42.76"

463.22

3350.00

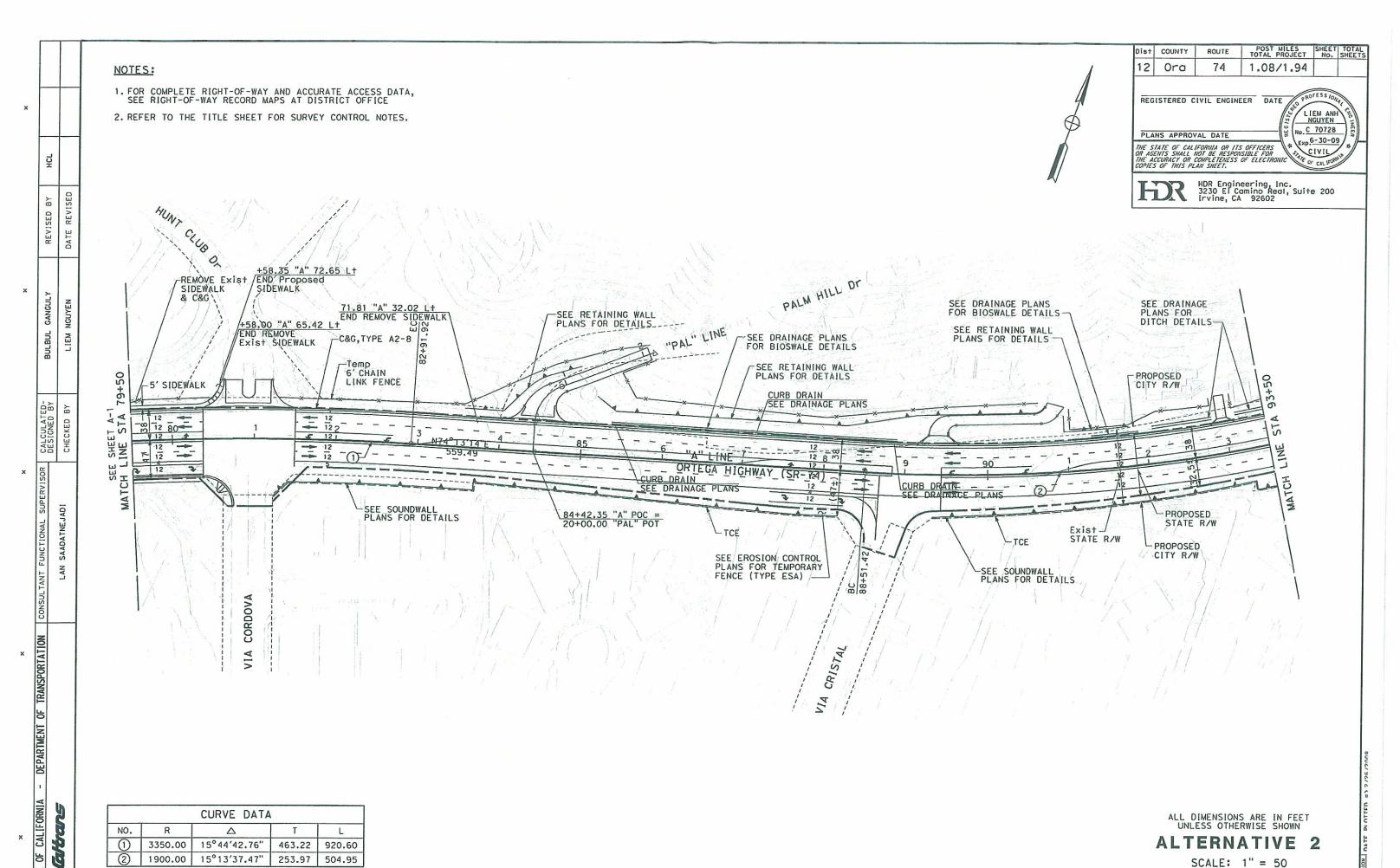
POST MILES SHEET TOTAL TOTAL PROJECT No. SHEETS 1.08/1.94 REGISTERED CIVIL ENGINEER DATE LIEM ANH to. C 70728 Exp.6-30-09

HDR Engineering, Inc. 3230 El Camino Real, Suite 200 Irvine, CA 92602

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

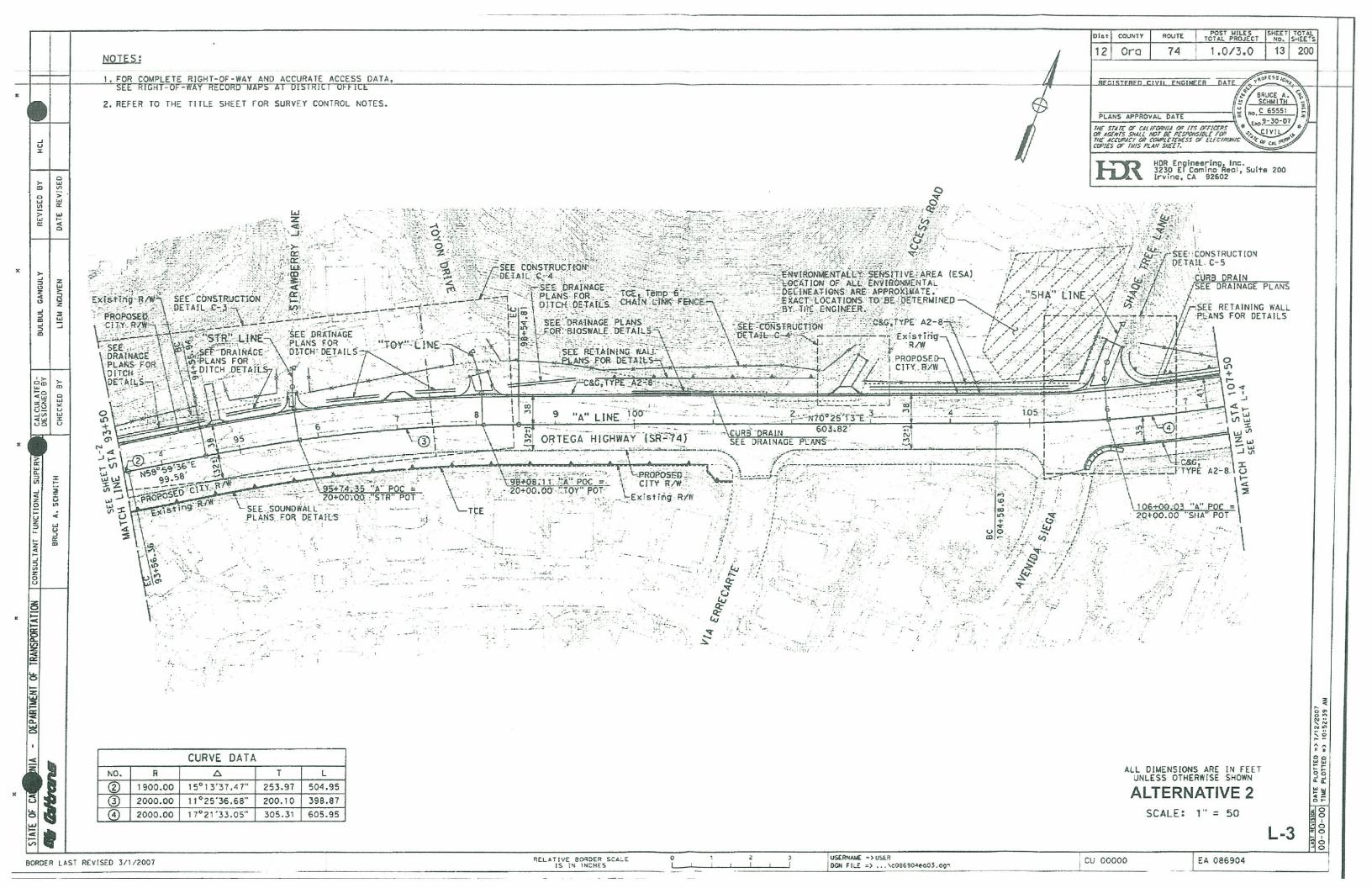
ALTERNATIVE 2

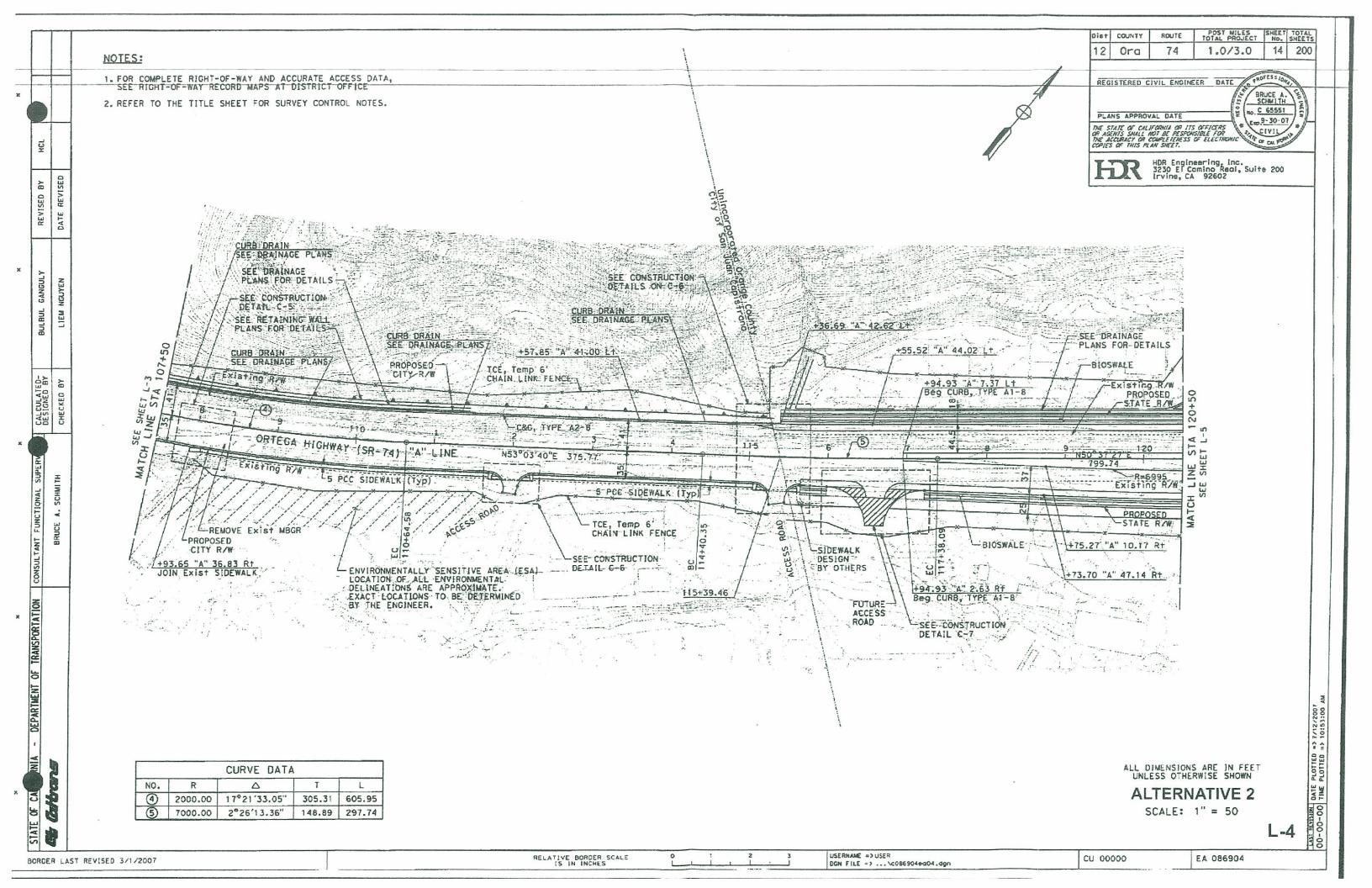
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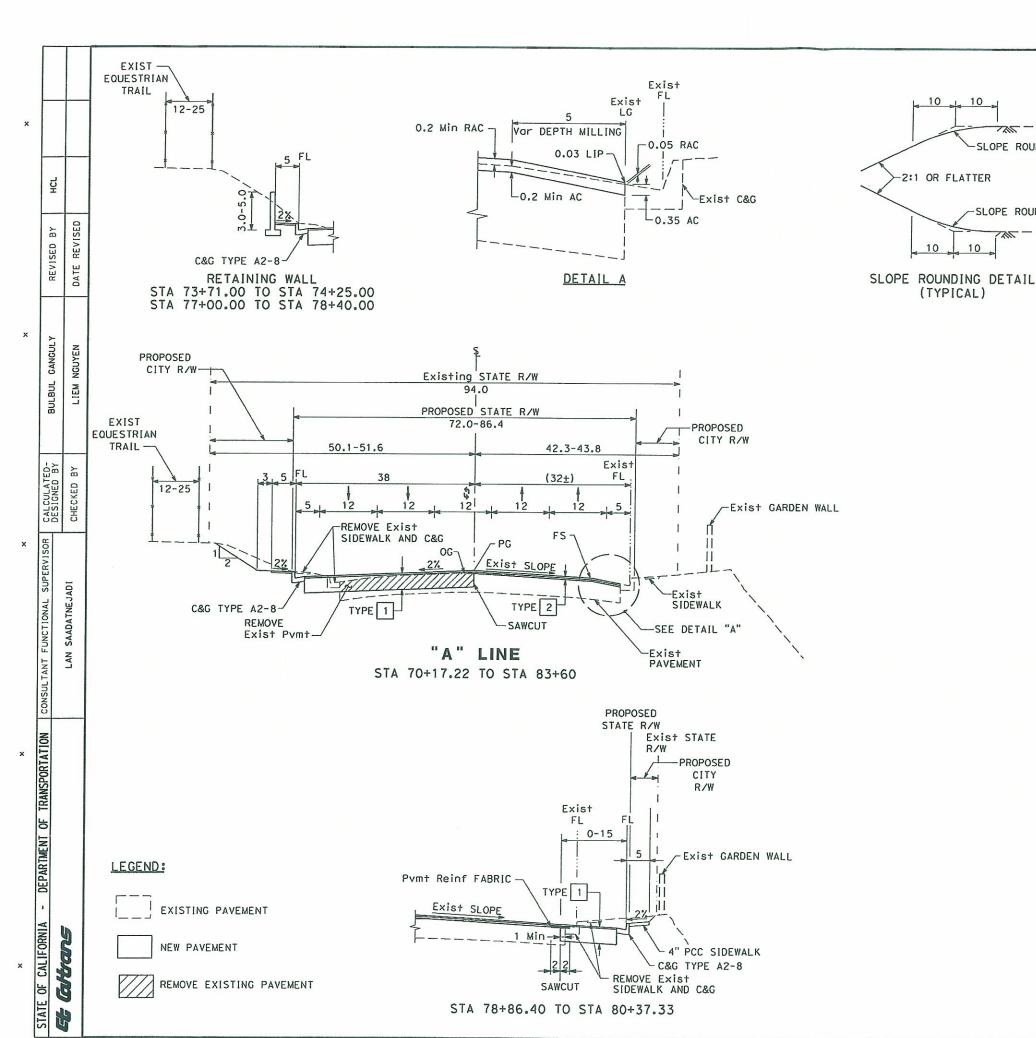


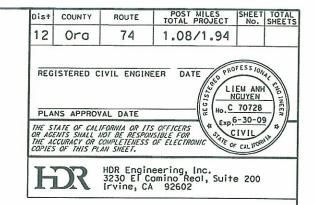
. – 50

L-2









DESIGN DESIGNATION (SR-74)

2005 ADT = 24,000 D=52% 2030 ADT = 42,000 T=8.0% DHV= 3,390 V=45 MPH $TI_{20} = 13$ ESAL= 21,800,000

	STRUCTURAL SECTIONS
TYPE 1	0.2 Min RUBBERIZED ASPHALT CONCRETE (RAC), TYPE G
	1.55 AC BASE, TYPE A, 3/4" MAX
YP- 2	0.2 Min RAC, TYPE G
	0.2 Min MILL AND AC BASE, TYPE A, ¾" MAX
TYPE 3	1.75 AC TYPE A, ¾" MAX

NOTES:

-SLOPE ROUNDING

-SLOPE ROUNDING

(TYPICAL)

- DIMENSIONS OF THE STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
- 2. FOR LOCATIONS OF CURB AND GUTTER, DIKE AND MBGR, SEE LAYOUT AND SUMMARY OF QUANTITIES SHEETS.
- 3. FOR VARIATIONS IN TYPICAL CROSS SECTIONS, REFER TO LAYOUT, CONSTRUCTION DETAILS, PAVEMENT CONSTRUCTION AND REMOVAL AND PAVEMENT DELINEATION PLANS.
- 4. CURB AND GUTTER, DRIVEWAY, AND DIKE SHOULD BE PLACED ON NATIVE SUBGRADE MOISTURE CONDITIONED TO A MINIMUM OF 3% OVER OPTIMUM MOISTURE CONTENT AND COMPACTED TO 90% COMPACTION.
- 5. CLEAN AND FILL ALL EXPOSED CRACKS WIDER THAN $\frac{1}{8}$ ".
- 6. THE JOINTS BETWEEN THE EXISTING PAVEMENT AND THE NEW PAVEMENT SHALL BE SEALED. A LAYER OF PRIME COAT IS TO BE APPLIED BETWEEN ALL BONDED AND UNBONDED LAYERS. A LAYER OF THICK COAT SHALL BE APPLIED TO ALL VERTICAL CUT FACES AND BETWEEN SUBSEQUENT AC LIFTS.

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

ALTERNATIVE 2 TYPICAL CROSS SECTIONS

NO SCALE